

1634



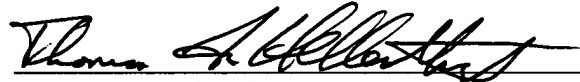
PATENT
Attorney Docket No. EXT-026
(2457/23)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Lapidus *et al.*
SERIAL NO.: 09/545,162 GROUP NO.: 1634
FILING DATE: April 7, 2000 EXAMINER: Einsmann, J.
TITLE: Methods For Detecting Nucleic Acids Indicative of Cancer

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Arlington, VA 22202-1450 on this 5th day of June 2003.

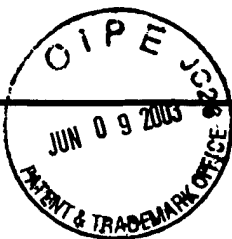

Thomas F. Hellenthal

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22202-1450

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Information Disclosure Statement (2 pages);
3. Form PTO 1449 (22 pages);
4. Copies of references A1-A117, B1-B111, C1-C177
(A1-A117 and B1-B27 in Box 1; B28-B111 in Box 2; C1-C177 in Box 3);
5. Return Receipt Postcard.



TRANSMITTAL FORM

Application Serial Number	09/545,162
Filing Date	April 7, 2000
First Named Inventor	Lapidus
Group Art Unit	1634
Examiner Name	Einsmann, J.
Attorney Docket No.	EXT-026
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input type="checkbox"/> Amendment/Response with Declaration attachment <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____] <input type="checkbox"/> Petition for Extension of Time <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations A1-A117, B1-B111, C1-C177 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Copy of Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Copy of Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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CORRESPONDENCE ADDRESS

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125 High Street
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SIGNATURE BLOCK

Date: June 5, 2003
Reg. No. 51,752
Tel. No.: (617) 310-8423
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Respectfully submitted,

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PATENT
Attorney Docket No. EXT-026

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SERIAL NO.: 09/545,162 GROUP NO.: 1634
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TITLE: Methods For Detecting Nucleic Acids Indicative of Cancer

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

In addition, Applicants notify the Examiner of the following U.S. patent applications: U.S. Serial No. 09/514,865, filed February 28, 2000; U.S. Serial No. 09/455,950, filed December 7, 1999; U.S. Serial No. 10/149,464, filed June 7, 2002; and U.S. Serial No. 09/724,274, filed November 28, 2000. Furthermore, Applicants notify the Examiner that U.S. Patent No. 6,084,091 (A111) is the English language counterpart of Foreign Patent Document Nos. 195 30 132C2 (B47), 195 30 132A1 (B110) and WO 97/07239 (B58); U.S. Patent No. 6,150,100 (A109) is the English language counterpart of Foreign Patent Document No. 197 12 332A1 (B48); U.S. Patent No. 6,448,002B1(A110) is the English language counterpart of Foreign Patent Document No. WO 98/08971 (B61); and an English language abstract for Foreign Patent Document No. 197 36 691A1 (B49) is contained in related Foreign Patent Document No. WO 99/10528 (B111).

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an

international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or

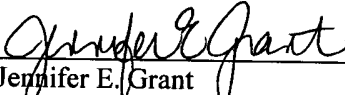
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

Respectfully submitted,

Date: June 5, 2003
Reg. No. 51,752

Tel. No.: (617) 310-8423
Fax No.: (617) 248-7100



Jennifer E. Grant
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FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT



ATTORNEY DOCKET NO.: EXT-026

APPLICANT(S): Lapidus *et al.*

SERIAL NO.: 09/545,162

FILING DATE: April 7, 2000

GROUP: 1634

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	4,333,734	6/8/82	Fleisher			10/8/80
	A2	4,535,058	8/13/85	Weinberg <i>et al.</i>			10/1/82
	A3	4,683,195	7/28/87	Mullis <i>et al.</i>			2/7/86
	A4	4,786,718	11/22/88	Weinberg <i>et al.</i>			8/8/85
	A5	4,857,300	8/15/89	Maksem			7/27/87
	A6	4,871,838	10/3/89	Bos <i>et al.</i>			7/23/85
	A7	4,981,783	1/1/91	Augenlicht			4/16/86
	A8	4,982,615	1/8/91	Sultan <i>et al.</i>			4/18/89
	A9	5,087,617	2/11/92	Smith			2/15/89
	A10	5,126,239	6/30/92	Livak <i>et al.</i>			3/14/90
	A11	5,137,806	8/11/92	LeMaistre <i>et al.</i>			12/11/89
	A12	5,196,167	3/23/93	Guadagno <i>et al.</i>			5/9/91
	A13	5,248,671	9/28/93	Smith			12/9/91
	A14	5,272,057	12/21/93	Smulson <i>et al.</i>			12/21/93
	A15	5,302,509	4/12/94	Cheeseman			2/27/91
	A16	5,330,892	7/19/94	Vogelstein <i>et al.</i>			3/13/91
	A17	5,348,855	9/20/94	Dattagupta <i>et al.</i>			10/4/91
	A18	5,352,775	10/4/94	Albertsen <i>et al.</i>			8/8/91
	A19	5,362,623	11/8/94	Vogelstein <i>et al.</i>			3/31/92
	A20	5,369,004	11/29/94	Polymeropoulos <i>et al.</i>			7/31/92
	A21	5,378,602	1/3/95	Polymeropoulos <i>et al.</i>			11/27/91
	A22	5,380,645	1/10/95	Vogelstein			3/16/89
	A23	5,380,647	1/10/95	Bahar			4/26/93
	A24	5,382,510	1/17/95	Levine <i>et al.</i>			7/10/92
	A25	5,409,586	4/25/95	Kamahori <i>et al.</i>			8/24/93

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A26	5,458,761	10/17/95	Kamahori <i>et al.</i>			1/27/95
	A27	5,466,576	11/14/95	Schulz <i>et al.</i>			7/2/93
	A28	5,468,610	11/21/95	Polymeropoulos <i>et al.</i>			6/9/93
	A29	5,468,613	11/21/95	Erlich <i>et al.</i>			3/9/90
	A30	5,489,508	2/6/96	West <i>et al.</i>			3/24/93
	A31	5,492,808	2/20/96	de la Chapelle <i>et al.</i>			5/5/93
	A32	5,496,470	3/5/96	Lenhart			5/27/94
	A33	5,508,164	4/16/96	Kausch <i>et al.</i>			10/29/93
	A34	5,512,441	4/30/96	Ronal			11/15/94
	A35	5,514,547	5/7/96	Balazs <i>et al.</i>			2/4/94
	A36	5,527,676	6/18/96	Vogelstein <i>et al.</i>			3/22/93
	A37	5,532,108	7/2/96	Vogelstein			4/14/94
	A38	5,580,729	12/3/96	Vogelstein			6/24/94
	A39	5,589,335	12/31/96	Kearney <i>et al.</i>			8/11/94
	A40	5,670,325	9/23/97	Lapidus <i>et al.</i>			8/14/96
	A41	5,709,998	1/20/98	Kinzler <i>et al.</i>			12/15/93
	A42	5,710,028	1/20/98	Eyal <i>et al.</i>			10/4/94
	A43	5,741,650	4/21/98	Lapidus <i>et al.</i>			4/21/98
	A44	5,759,777	6/2/98	Kearney <i>et al.</i>			6/2/98
	A45	5,830,665	11/3/98	Shuber <i>et al.</i>			3/3/97
	A46	5,928,870	7/27/99	Lapidus <i>et al.</i>			6/16/97
	A47	3,413,464	11/26/68	Kamentsky			04/29/65
	A48	4,101,279	7/18/78	Aslam			4/6/77
	A49	4,309,782	1/12/82	Paulin			9/11/80
	A50	4,358,535	11/9/82	Falkow <i>et al.</i>			12/8/90

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A51	4,445,235	5/1/84	Slover <i>et al.</i>			9/13/82
	A52	4,578,358	3/25/86	Oksman <i>et al.</i>			5/3/83
	A53	4,683,202	7/28/87	Mullis			10/25/85
	A54	4,705,050	11/10/87	Markham			10/2/85
	A55	4,735,905	4/5/88	Parker			8/15/86
	A56	4,935,342	6/19/90	Seligson <i>et al.</i>			12/1/86
	A57	5,149,506	9/22/92	Skiba <i>et al.</i>			8/9/91
	A58	5,200,314	4/6/93	Urdea			3/23/90
	A59	5,331,973	7/26/94	Fiedler <i>et al.</i>			3/15/93
	A60	5,416,025	5/16/95	Krepinsky, <i>et al.</i>			8/31/94
	A61	5,463,782	11/7/95	Carlson <i>et al.</i>			11/21/94
	A62	5,482,834	1/9/96	Gillespie			1/19/93
	A63	5,506,105	4/9/96	Haydock			3/22/94
	A64	5,538,851	7/23/96	Fach <i>et al.</i>			12/22/93
	A65	5,559,014	9/24/96	Estes <i>et al.</i>			6/7/95
	A66	5,599,662	2/4/97	Respass			2/17/95
	A67	5,612,473	3/18/97	Wu <i>et al.</i>			1/16/96
	A68	5,635,352	6/03/97	Urdea <i>et al.</i>			4/26/95
	A69	5,641,628	6/24/97	Bianchi			11/14/94
	A70	5,645,995	7/8/97	Kieback			4/12/96
	A71	5,688,643	11/18/97	Oka <i>et al.</i>			2/27/95
	A72	5,846,710	12/8/98	Bajaj			8/6/93
	A73	5,856,104	1/5/99	Chee <i>et al.</i>			3/7/97
	A74	5,882,865	03/16/99	Vogelstein <i>et al.</i>			1/10/97
	A75	5,888,778	3/30/99	Shuber			6/16/97

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U.S. PATENT DOCUMENTS

INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A76	5,910,407	6/8/99	Vogelstein <i>et al.</i>		8/26/94
	A77	5,916,744	6/29/99	Taylor		3/14/94
	A78	5,942,396	8/24/99	Shiff <i>et al.</i>		8/19/97
	A79	5,952,178	9/14/99	Lapidus <i>et al.</i>		4/13/98
	A80	5,976,800	11/2/99	Lau <i>et al.</i>		6/27/97
	A81	6,020,137	2/1/00	Lapidus <i>et al.</i>		11/23/98
	A82	6,037,465	3/14/00	Hillebrand <i>et al.</i>		12/16/96
	A83	6,100,029	8/8/00	Lapidus <i>et al.</i>		12/4/97
	A84	6,143,529	11/7/00	Lapidus <i>et al.</i>		3/26/99
	A85	6,146,828	11/14/00	Lapidus		7/3/98
	A86	6,177,251B1	01/23/01	Vogelstein <i>et al.</i>		6/8/99
	A87	6,203,993 B1	3/20/01	Shuber <i>et al.</i>		4/4/00
	A88	6,214,187B1	4/10/01	Hammond <i>et al.</i>		6/18/99
	A89	6,214,558B1	04/10/01	Shuber <i>et al.</i>		7/27/00
	A90	6,238,927B1	5/29/01	Abrams <i>et al.</i>		10/4/99
	A91	6,251,660 B1	6/26/01	Muir <i>et al.</i>		11/25/98
	A92	6,268,136B1	7/31/01	Shuber <i>et al.</i>		11/23/98
	A93	6,280,947 B1	8/28/01	Shuber <i>et al.</i>		8/11/99
	A94	6,300,077 B1	10/9/01	Shuber <i>et al.</i>		4/4/00
	A95	6,303,304 B1	10/16/01	Shuber <i>et al.</i>		2/2/99
	A96	6,351,857 B2	3/5/02	Slaon, III <i>et al.</i>		3/13/01
	A97	6,406,857 B1	6/18/02	Shuber <i>et al.</i>		5/21/01
	A98	6,415,455 B1	7/9/02	Slaon, III <i>et al.</i>		12/17/01
	A99	6,428,964 B1	8/6/02	Shuber		3/15/01
	A100	6,475,738 B2	11/5/02	Shuber <i>et al.</i>		6/18/01

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DATE CONSIDERED

FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: EXT-026 APPLICANT(S): Lapidus et al. SERIAL NO.: 09/545,162 FILING DATE: April 7, 2000 GROUP: 1634			
U.S. PATENT DOCUMENTS							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A101	6,482,595 B2	11/19/02	Shuber et al.		8/27/01	
	A102	2001/0018180A1	8/30/01	Shuber et al.		1/10/01	
	A103	2002/0025525A1	2/28/02	Shuber		5/30/01	
	A104	2002/0110810A1	8/15/02	Shuber		1/5/01	
	A105	2002/0119469A1	8/29/02	Shuber et al.		10/5/01	
	A106	2002/0119472A1	8/29/02	Lapidus et al.		10/15/01	
	A107	2002/0132251A1	9/19/02	Shuber		11/20/01	
	A108	2002/0164631A1	11/7/02	Shuber et al.		3/25/02	
	A109	6,150,100	11/21/00	Ruschoff et al.		3/25/98	
	A110	6,448,002B1	9/10/02	Hillebrand et al.		8//26/97	
	A111	6,084,091	7/4/00	Muller et al.		8/14/96	
	A112	6,503,718 B2	1/7/03	Shuber et al.		1/10/01	
	A113	6,551,777	4/22/03	Shuber et al.		1/24/00	
	A114	6,498,012	12/24/02	Laken		6/18/01	
	A115	2003/0087258A1	5/8/03	Shuber		4/11/02	
	A116	2003/0044780A1	3/6/03	Lapidus et al.		11/23/99	
	A117	2003/0049659A1	3/13/03	Lapidus et al.		5/29/02	

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

JUN 09 2003

PATENT & TRADEMARK

ATTORNEY DOCKET NO.: EXT-026

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FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	B1	0 284 362 A2	9/28/88	EP			3/23/88		Y
	B2	0 337 498 A2	10/18/89	EP			4/17/89		Y
	B3	WO 90/09455	8/23/90	PCT			2/13/90		Y
	B4	0 390 323 A2	10/3/90	EP			2/20/90		Y
	B5	0 390 323 A3	10/3/90	EP			2/20/90		Y
	B6	0 407 789 A1	1/16/91	EP			6/22/90		Y
	B7	0 407 789 B1	1/16/91	EP			6/22/90		Y
	B8	WO 92/13103	8/6/92	PCT			1/16/92		Y
	B9	WO 92/16657	10/1/92	PCT			3/12/92		Y
	B10	WO 93/18186	9/16/93	PCT			3/1/93		Y
	B11	WO 93/20233	10/14/93	PCT			3/22/93		Y
	B12	WO 94/01447	1/20/94	PCT			7/1/93		Y
	B13	WO 94/09161	4/28/94	PCT			10/20/93		Y
	B14	WO 94/10575	5/11/94	PCT			10/29/93		Y
	B15	WO 94/11383	5/26/94	PCT			11/8/93		Y
	B16	0 608 004 A2	7/27/94	EP			8/11/87		Y
	B17	A-11325/95	10/5/94	AU					Y
	B18	0 259 031 B1	11/9/94	EP			8/11/87		Y
	B19	WO 95/07361	3/16/95	PCT			9/9/94	Abstract in English	N
	B20	WO 95/09928	4/13/95	PCT			9/26/94		Y
	B21	WO 95/09929	4/13/95	PCT			9/26/94		Y
	B22	0 648 845 A2	4/19/95	EP			7/2/94		Y
	B23	WO 95/13397	5/18/95	PCT			11/10/94		Y
	B24	WO 95/15400	6/8/95	PCT			12/5/94		Y

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	B25	WO 95/16792	6/22/95	PCT			12/13/94	Abstract in English	N
	B26	WO 95/18818	7/13/95	PCT			1/3/95		Y
	B27	WO 95/19448	7/20/95	PCT			1/13/95		Y
	B28	0 664 339 A1	7/26/95	EP			7/7/94		Y
	B29	WO 95/25813	9/28/95	PCT			3/17/95		Y
	B30	WO 95/31728	11/23/95	PCT			5/15/95		Y
	B31	WO 96/01907	1/25/96	PCT			7/10/95		Y
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	B45	0 284 362 A3	9/28/88	EP			3/23/88		Y
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EXAMINER

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ATTORNEY DOCKET NO.: EXT-026

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FOREIGN PATENT DOCUMENTS

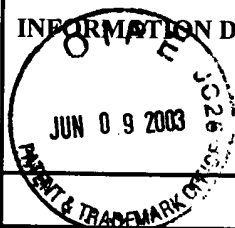
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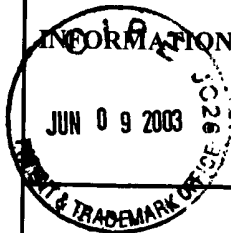
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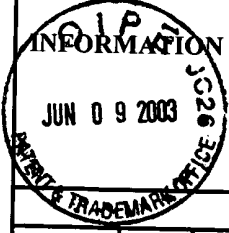
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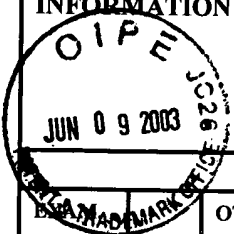
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	B98	WO02/059379A2	8/1/02	PCT			1/4/02		Y
	B99	WO02/074995A1	9/26/02	PCT			3/15/02		Y
	B100	WO02/092858A2	11/21/02	PCT			2/28/02		Y
	B101	AU199942333A1	9/30/99	AU			7/28/99		Y
	B102	711754	7/17/97	AU			12/20/96		Y
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	B104	720489	9/30/99	AU			7/28/99		Y
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	B106	745862	9/22/98	AU			3/2/98		Y
	B107	2,211,702	5/25/99	CA			12/20/96		Y
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	B110	195 30 132A1	2/20/97	DE			8/16/95	A111 is English counterpart	N
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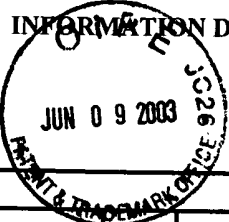
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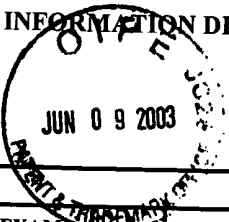
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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C1	Aaltonen <i>et al.</i> (1994) "Replication Errors in Benign and Malignant Tumors from Hereditary Nonpolyposis Colorectal Cancer Patients" <u>Cancer Research</u> 54:1645-1648.
	C2	Aaltonen <i>et al.</i> (1998) "Incidence of Hereditary Nonpolyposis Colorectal Cancer and the Feasibility of Molecular Screening for the Disease" <u>The New England Journal of Medicine</u> 338:1481-1487.
	C3	Ausubel <i>et al.</i> , (1995), <u>Short Protocols in Molecular Biology</u> , 3d ed., pp. 2-3 -2-12, 3-30 -3-33.
	C4	Bertario <i>et al.</i> (1999) "Risk of Colorectal Cancer Following Colonoscopic Polypectomy" <u>Tumori</u> 85:157-162.
	C5	Beskin <i>et al.</i> , (1995), "On the Mechanism of the Modular Primer Effect," <u>Nucleic Acids Research</u> , Vol. 23, No. 15, 2881-2885.
	C6	Blum H.E., (1995) "Colorectal Cancer: Future Population Screening for Early Colorectal Cancer" <u>European Journal of Cancer</u> , Vol. 31A, pp. 1369-1372.
	C7	Bos <i>et al.</i> , (May 28, 1987) "Prevalence of <i>ras</i> Gene Mutations in Human Colorectal Cancers," <u>Nature</u> , Vol. 327, pp. 293-297.
	C8	Caldas <i>et al.</i> , (July 1, 1994) "Detection of K-ras Mutations in the Stool of Patients with Pancreatic Adenocarcinoma and Pancreatic Ductal Hyperplasia" <u>Cancer Research</u> , Vol. 54, pp. 3568-3573.
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	C10	Cave <i>et al.</i> , (1994) "Reliability of PCR Directly from Stool Samples: Usefulness of an Internal Standard," <u>BioTechniques</u> , Vol. 16, No. 5, pp. 809-810.
	C11	Chapelle (1999) "Testing Tumors for Microsatellite Instability" <u>European Journal of Human Genetics</u> 7:407-408.
	C12	Charlesworth <i>et al.</i> , (September 15, 1994) "The Evolutionary Dynamics of Repetitive DNA in Eukaryotes," <u>Nature</u> , Vol. 371, pp. 215-220.
	C13	Chen <i>et al.</i> (1997) "Microsatellite Instability in Sporadic-Colon-Cancer Patients With and Without Liver Metastases" <u>International Journal of Cancer</u> 74:470-474.
	C14	Coll <i>et al.</i> , (October 1989) "Evaluation of a Rapid Method of Extracting DNA from Stool Samples for Use in Hybridization Assays," <u>Journal of Clinical Microbiology</u> , Vol. 27, No. 10, pp. 2245-2248.
	C15	Coughlin <i>et al.</i> (1999) "Public Health Perspectives on Testing for Colorectal Cancer Susceptibility Genes" <u>American Journal of Preventive Medicine</u> 16:99-104.
	C16	Cunningham C. and M.G. Dunlop, (1996) "Molecular Genetic Basis of Colorectal Cancer Susceptibility," <u>British Journal of Surgery</u> , Vol. 83, pp. 321-329.
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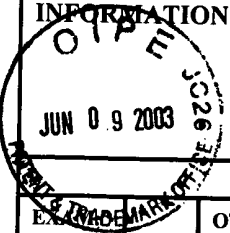
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OTHER ART, JOURNAL ARTICLES, ETC.		
INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C17	Deng <i>et al.</i> , (December 20, 1996) "Loss of Heterozygosity in Normal Tissue Adjacent to Breast Carcinomas," <u>Science</u> , Vol. 274, pp. 2057-2059.
	C18	Deuter <i>et al.</i> , (1995) "A Method for Preparation of Fecal DNA Suitable for PCR," <u>Nucleic Acids Research</u> , Vol. 23, No. 18, pp. 3800-3801.
	C19	Dib <i>et al.</i> , (March 14, 1996) "A Comprehensive Genetic Map of the Human Genome Based on 5,264 Microsatellites," <u>Nature</u> Vol. 380, pp. 152-154.
	C20	Duffy M.J., (1995) "Can Molecular Markers Now be Used for Early Diagnosis of Malignancy?" <u>Clin. Chem.</u> , Vol. 41, No.10, pp. 1410-1413.
	C21	Eguchi <i>et al.</i> , (April 15, 1996) "Mutations of the p53 Gene in the Stool of Patients with Resectable Colorectal Cancer," <u>Cancer Supplement</u> , Vol. 77, No. 8, pp. 1707-1710.
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	C23	Fearon, E.R., (1995) "16 Molecular Abnormalities in Colon and Rectal Cancer," <u>The Molecular Basis of Cancer</u> , pp. 340-357.
	C24	Grossman <i>et al.</i> (1988), "Colonoscopic Screening of persons With Suspected Risk Factors for Colon Cancer" <u>Gastroenterology</u> 94:395-400.
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	C26	Hasegawa <i>et al.</i> , (1995) "Detection of K-ras Mutations in DNAs Isolated From Feces of Patients with Colorectal Tumors by Mutant-Allele-Specific Amplification (MASA)," <u>Oncogene</u> , Vol. 10, pp. 1441-1445.
	C27	Hoang <i>et al.</i> (1997) "BAT-26, an Indicator of the Replication Error Phenotype in Cancers and Colorectal Cell Lines" <u>Cancer Research</u> 57:300-303.
	C28	Honchel <i>et al.</i> , (1995) "Genomic Instability in Neoplasia," <u>Seminars in Cell Biology</u> , Vol. 6, pp. 45-52.
	C29	Hoss <i>et al.</i> , (September 17, 1992) "Excrement Analysis by PCR" <u>Scientific Correspondence</u> pp. 199.
	C30	Iino <i>et al.</i> (1999) "DNA Microsatellite Instability in Hyperplastic Polyps, Serrated Adenomas, and Mixed Polyps: a Mild Mutator Pathway for Colorectal Cancer?" <u>Journal of Clinical Pathology</u> 52:5-9.
	C31	Iniesta <i>et al.</i> (1998) "Genetic Abnormalities and Microsatellite Instability in Colorectal Cancer" <u>Cancer Detection and Prevention</u> 22:383-395.
	C32	Ishimaru <i>et al.</i> (1995) "Microsatellite Instability in Primary and Metastatic Colorectal Cancers" <u>International Journal of Cancer</u> 64:153-157.

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EXAM. INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C33	Jarvinen <i>et al.</i> (1995) "Screening Reduces Colorectal Cancer Rate in Families With Hereditary Nonpolyposis Colorectal Cancer" <u>Gastroenterology</u> 108:1405-1411.
	C34	Jernvall <i>et al.</i> (1999) "Microsatellite Instability: Impact on Cancer Progression in Proximal and Distal Colorectal Cancers" <u>European Journal of Cancer</u> 35:197-201.
	C35	Jessup J.M. and G.E. Gallick, (September/October 1992) "The Biology of Colorectal Carcinoma," <u>Current Problems in Cancer</u> , pp. 263-328.
	C36	Jonsson <i>et al.</i> , (January 1995) "From Mutation Mapping to Phenotype Cloning," <u>Proc. Natl. Acad. Sci.</u> , Vol. 92, pp. 83-85.
	C37	Kim <i>et al.</i> (1998) "Microsatellite Instability in Young Patients With Colorectal Cancer" <u>Pathology International</u> 48:586-594.
	C38	Konishi <i>et al.</i> (1996) "Molecular Nature of Colon Tumors in Hereditary Nonpolyposis Colon Cancer, Familial Polyposis, and Sporadic Colon Cancer" <u>Gastroenterology</u> 111:307-317.
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	C40	Lengauer <i>et al.</i> , (December 17, 1998) "Genetic Instabilities in Human Cancers," <u>Nature</u> , Vol. 396, pp. 643-649.
	C41	Leong <i>et al.</i> , (1993) "Detection of MYCN Gene Amplification and Deletions of Chromosome 1p in Neuroblastoma by In Situ Hybridization Using Routine Histologic Sections," <u>Laboratory Investigations</u> , Vol. 69, No. 1, pp. 43-50.
	C42	Lin <i>et al.</i> (1998) "Colorectal and Extracolonic Cancer Variations in MLH1/MSH2 Hereditary Nonpolyposis Colorectal Cancer Kindreds and the General Population" <u>Diseases of the Colon & Rectum</u> 41:428-433.
	C43	Litia <i>et al.</i> , (1992) "Simultaneous Detection of Two Cystic Fibrosis Alleles Using Dual-Label Time-Resolved Fluorometry," <u>Molecular and Cellular Probes</u> , Vol. 6, pp. 505-512.
	C44	Lleonart <i>et al.</i> (1998) "Microsatellite Instability and p53 Mutations in Sporadic Right and Left Colon Carcinoma" <u>American Cancer Society</u> 83:889-895.
	C45	Loktionov A. and I. K. O'Neill, (1995) "Early Detection of Cancer-Associated Gene Alterations in DNA Isolated from Rat Feces During Intestinal Tumor Induction with 1,2-Dimethylhydrazine," <u>International Journal of Oncology</u> , Vol. 6, pp. 437-445.
	C46	Loktionov <i>et al.</i> , (February, 1998) "Quantitation of DNA from Exfoliated Colonocytes Isolated from Human Stool Surface as a Novel Noninvasive Screening Test for Colorectal Cancer," <u>Clinical Cancer Research</u> , Vol. 4, pp. 337-341.

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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C47	Mao L. <i>et al.</i> , (February 2, 1996) "Molecular Detection of Primary Bladder Cancer by Microsatellite Analysis," <u>Science</u> , Vol. 271, pp. 659-662.
	C48	Myers, R.M., (February 12, 1993) "The Pluses of Subtraction," <u>Science</u> , Vol. 259, pp. 942-943.
	C49	Naber S. P., (December 1, 1994) "Molecular Pathology -- Detection of Neoplasia," <u>New England Journal of Medicine</u> , Vol. 331, No. 22, pp. 1508-1510.
	C50	Nollau <i>et al.</i> , (May 1996) "Isolation of DNA from Stool and Bodily Fluids for PCR Amplification," <u>BioTechniques</u> , Vol. 20, No. 5, pp. 784-788.
	C51	Nollau <i>et al.</i> , (1996) "Detection of K-ras Mutations in Stools of Patients with Colorectal Cancer by Mutant-Enriched PCR," <u>Int. J. Cancer</u> , Vol. 66, pp. 332-336.
	C52	Orlow I., <i>et al.</i> , (October 18, 1995) "Deletion of the p16 and p15 Genes in Human Bladder Tumors <u>Journal of the National Cancer Institute</u> , " Vol. 87, No. 20, pp. 1524-1529.
	C53	Orou, <i>et al.</i> , (1995) "Allele-Specific Competitive Blocker PCR: A One-Step Method With Applicability to Pool Screening" <u>Human Mutation</u> Vol. 6, 163-169.
	C54	Park <i>et al.</i> (1999) "Gene-Environment Interaction in Hereditary Nonpolyposis Colorectal Cancer with Implications for Diagnosis and Genetic Testing" <u>International Journal of Cancer</u> 82:516-519.
	C55	Peltomaki <i>et al.</i> (1997) "Mutations Predisposing to Hereditary Nonpolyposis Colorectal Cancer: Database and Results of a Collaborative Study" <u>Gastroenterology</u> 113:1146-1158.
	C56	Pharmacia, (1998) <u>BioDirectory</u> , pp. 104-109.
	C57	Pharmacia, (1991/1992) <u>Molecular and Cell Biology Catalogue</u> , pp. 8.3-8.6.
	C58	Piao <i>et al.</i> , (September 1997) "Relationship between Loss of Heterozygosity of Tumor Suppressor Genes and Histologic Differentiation in Hepatocellular Carcinoma," <u>Cancer</u> , Vol. 80, No. 5, pp. 865-872.
	C59	Ponz de Leon <i>et al.</i> (1998) "Frequency and Type of Colorectal Tumors in Asymptomatic High -Risk Individuals in Families with Hereditary Nonpolyposis Colorectal Cancer" <u>Cancer Epidemiology, Biomarkers & Prevention</u> 7:639-641.
	C60	Ponz de Leon <i>et al.</i> (1999) "Hereditary Colorectal Cancer in the General Population: From Cancer Registration to Molecular Diagnosis" <u>Gut</u> 45:32-38.
	C61	Pyatt <i>et al.</i> (1999) "Polymorphic Variation at the BAT-25 and BAT-26 Loci in Individuals of African Origin" <u>American Journal of Pathology</u> 155:349-353.
	C62	Raff, M., (November 12, 1998) "Cell Suicide for Beginners," <u>Nature</u> , Vol. 396, pp. 119-122.
	C63	Rashid <i>et al.</i> (1999) "Genetic Epidemiology of Mutated K-ras Proto-Oncogene, Altered Suppressor Genes, and Microsatellite Instability in Colorectal Adenomas" <u>Gut</u> 44:826-833.
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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAMINER'S INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
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SERIAL NO.: 09/545,162

FILING DATE: April 7, 2000 GROUP: 1634

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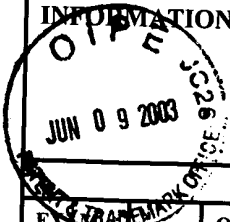
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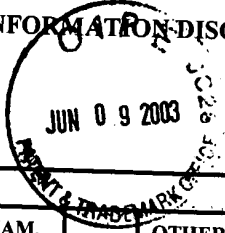
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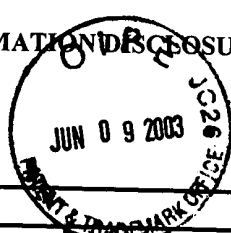
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	C171	Wagner <i>et al.</i> "Regulation of Gastric Epithelial Cell Growth by <i>Helicobacter pylori</i> : Evidence for a Major Role of Apoptosis," <i>Gastroenterology</i> , Vol. 113, No. 6, pp. 1836-1847, December 1997.

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FORM PTO - 1449 INFORMATIONAL DISCLOSURE STATEMENT		ATTORNEY DOCKET NO.: EXT-026 APPLICANT(S): Lapidus <i>et al.</i> SERIAL NO.: 09/545,162 FILING DATE: April 7, 2000 GROUP: 1634
		
OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C172	Walsh <i>et al.</i> , (1991) "Chelex® 100 as a Medium for Simple Extraction of DNA for PCR-Based Typing from Forensic Material," <i>BioTechniques</i> , Vol. 10, No. 4, pp. 506-513.
	C173	Walton <i>et al.</i> , (1997) "A PCR-Based Method for Detecting Rare Genotypes in Large Samples of Individuals," <i>Mol. Ecology</i> , Vol. 6, No. 2, pp. 195-197.
	C174	Zhang <i>et al.</i> "Quantitative determination of apoptotic death in cultured human pancreatic cancer cells by propidium iodide and digitonin," <i>Cancer Letters</i> , Vol. 142, pp. 129-137, 1999.
	C175	Ahlquist <i>et al.</i> , "Colorectal Cancer Screening by Detection of Altered Human DNA in Stool: Feasibility Multitarget Assay Panel," Presented at Digestive Disease Week Annual Conference, Orlando, FL, May 19, 1999 (<i>Gastroenterology</i> , 119, pp. 1219-1227 (2000)).
	C176	Ahlquist <i>et al.</i> , "Universal Detection of Aerodigestive Cancers by Assay of Nonapoptotic Human DNA in Stool," Presented at Digestive Disease Week Annual Conference, San Diego, CA, May 2000.
	C177	Makristathis <i>et al.</i> , "Detection of <i>Helicobacter pylori</i> in Stool Specimens by PCR and Antigen Enzyme Immunoassay," <i>Journal of Clinical Microbiology</i> , Vol. 36, No. 9, pp. 2772-2774, September 1998.

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